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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/723,215	11/26/2003	Michael O. Polley	TI-36036	8507
	7590 03/03/201 LUMENTS INCORPO	EXAMINER		
POBOX 6554		GHULAMALI, QUTBUDDIN		
DALLAS, TX 75265			ART UNIT	PAPER NUMBER
			2611	
			NOTIFICATION DATE	DELIVERY MODE
			03/03/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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	Application No.	Applicant(s)	
	10/723,215	POLLEY ET AL.	
Office Action Summary	Examiner	Art Unit	
	Qutbuddin Ghulamali	2611	
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with	the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL'WHICHEVER IS LONGER, FROM THE MAILING D. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period or Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICA 36(a). In no event, however, may a rep will apply and will expire SIX (6) MONTH c, cause the application to become ABAN	TION. y be timely filed S from the mailing date of this communication. IDONED (35 U.S.C. § 133).	
Status			
 Responsive to communication(s) filed on 15 N This action is FINAL. Since this application is in condition for alloware closed in accordance with the practice under E 	action is non-final. nce except for formal matter	•	
Disposition of Claims			
4) ☑ Claim(s) 1-11,13-22,25 and 26 is/are pending 4a) Of the above claim(s) is/are withdray 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☒ Claim(s) 1-11,13-22,25 and 26 is/are objected 8) ☐ Claim(s) are subject to restriction and/or	wn from consideration.		
Application Papers			
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Examine 11.	epted or b) objected to by drawing(s) be held in abeyance tion is required if the drawing(s)	s. See 37 CFR 1.85(a). is objected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Apprite documents have been received in Apprite documents have been received (PCT Rule 17.2(a)).	olication No ceived in this National Stage	
Attachment(s)			
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No(s)/l	nmary (PTO-413) Mail Date rmal Patent Application	

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DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/15/2010 has been entered.

Claim Objections

Claims 3, 9, 13, 18, 25, 26 are objected to because of the following informalities:
 Claim 3, last line, "provided to the associated antenna." should be replaced with
 provided to the associated antenna chain. --

Claim 9, line 2, "a single-antenna enabled device," should be replaced with -- a single-antenna enabled wireless device, --

Claim 9, line 3, after "data transmitted from" the letter "a" needs to be deleted.

Claim 9, line 13, "based on the channel characteristics," should be replaced with -- based on the plurality of channel characteristics, --

Claim 9, line 17, "and each bit indicating", should be replaced with -- and the each bit indicating --

Claim 13, line 3, after "data transmitted from" the letter "a" needs to be replaced with -- the --

Claim 13, line 17, "single-antenna enabled device each the weighted" should be replaced with -- single-antenna enabled wireless device each of the weighted --

Claim 13, line 18, "transmission signal in each" should be replaced with -- transmission signals in the each --

Claim 18, line 7, "each communication pathway" should be replaced with -- each of the communication pathway, --

Claim 18, line 10, "each antenna" should be -- each of the antenna --

Claim 18, line 16, "each weighted transmission signal" should be -- each of the weighted transmission signals --

Claim 25, line 6, "for each sub-channel, selecting an antenna chain from a plurality" should be -- for the each sub-channel, selecting an antenna chain from the plurality --

Claim 26, line 6, "for each sub-channel, selecting an antenna chain from a plurality" should be -- for the each sub-channel, selecting an antenna chain from the plurality --

Claim 25, line 7, "each antenna chain" should be -- each of the antenna chain -- Claim 25, line 8, the term "the amount of" need to be deleted.

Appropriate correction is required.

Conclusion

3. This application is in condition for allowance except for the following formal matters:

Pertaining to objection of form to claims as noted above.

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Prosecution on the merits is closed in accordance with the practice under *Ex* parte Quayle, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Qutbuddin Ghulamali whose telephone number is (571)-272-3014. The examiner can normally be reached on Monday-Friday, 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh M. Fan can be reached on (571) 272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

QG.

February 26, 2011.

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/CHIEH M FAN/ Supervisory Patent Examiner, Art Unit 2611